

Purpose of checklist

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization, or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. **You may use “not applicable” or “does not apply” only when you can explain why it does not apply and not when the answer is unknown.** You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to **all parts of your proposal**, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for lead agencies

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B, plus the Supplemental Sheet for Nonproject Actions (Part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in “Part B: Environmental Elements” that do not contribute meaningfully to the analysis of the proposal.

¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/Checklist-guidance>

A. Background

[Find help answering background questions²](#)

1. Name of proposed project, if applicable:

"Flatlander Nisqually" Timber Harvest & Road Construction

2. Name of applicant:

Mid-Valley Resources, Inc.

3. Address and phone number of applicant and contact person:

Alan Kycek

1655 5. Market Blvd., Suite A

Chehalis, WA 98532

360-880-6201

4. Date checklist prepared:

6/4/2024

5. Agency requesting checklist:

Washington Department of Natural Resources

6. Proposed timing of schedule (including phasing, if applicable):

During duration of Forest Practices Permit. Tentatively, road construction in the summer/fall of 2024, with timber harvest to follow in 2025 or 2026.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Geo-technical report prepared by Icicle Creek Engineers assessing ground water recharge to glacial deep-seated landslides. Attached to the forest practices application.

◇ [Geologic assessment is available with FPA/N 2423964 in the Forest Practices Application Review System \(FPARS\).](#) CKF

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

None.

10. List any government approvals or permits that will be needed for your proposal, if known.

◇ Forest Practices Permit through Washington Department of Natural Resources.

[FPA/N 2423964 is available to view in FPARS.](#) CKF

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you

² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-A-Background>

to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

Timber harvest 81 acres in size, and a total of approximately 1100' of new road construction on two spur roads.

12. **Location of the proposal.** Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Proposal falls on portions of T16N R05E Sec. 18. Detailed maps are included in the forest practices permit application. Both on activity maps and within the geo-technical report.

◇ All within Pierce County. CKF

B. Environmental Elements

1. Earth

[Find help answering earth questions](#)³

- a. **General description of the site:**

The harvest area is a large flat area. Adjacent to the south, topography drops off on moderate slopes.

Circle or highlight one: Flat, rolling, hilly, steep slopes, mountainous, other: gently sloped

- b. **What is the steepest slope on the site (approximate percent slope)?**

~10% within the harvest area.

- c. **What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them, and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.**

Clays and gravels, with an organic top layer. Refer to the geo-technical report for specifics.

◇ Geological assessment is available with FPA/N 2423964 in FPARS. CKF

- d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

³ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-earth>

There are relict deep-seated landslides located to the south of the harvest area, but nothing unstable in the immediate vicinity. There is a short segment of stream "E" (on the activity map) where it leaves the plateau that is downcutting in an inner gorge fashion.

- ◇ FPA/N 2423964 indicates activities are occurring within the ground water recharge area of a glacial deep-seated landslide. CKF
- e. **Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

Road construction is located on near flat portions of the harvest area and will have a balanced cut/fill. Surfacing rock will be brought in.

- f. **Could erosion occur because of clearing, construction, or use? If so, generally describe.**

◇ No.

- ◇ Minor erosion could occur as a result of road construction, timber harvest, or timber hauling. CKF
- g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

None.

- h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any.**

The harvest area and roadsides will naturally revegetate, typically occurring over the first couple growing seasons. The harvest area will be replanted with Douglas Fir, likely within a year post-harvest, depending on timing.

2. Air

[Find help answering air questions](#)⁴

- a. **What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.**

Only those of vehicles and equipment operating in the area during harvest/construction. Road construction is expected to take approximately a week, and timber harvest approximately 6 weeks.

- b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

No.

- c. **Proposed measures to reduce or control emissions or other impacts to air, if any:**

Operators are encouraged to be efficient and complete projects as quickly as can be done safely.

⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-ements/Environmental-ements-Air>

3. Water

[Find help answering water questions⁵](#)

a. Surface:

[Find help answering surface water questions⁶](#)

1. **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Two type B wetlands are located off of the NW and NE corners of the harvest area, with year-round outflows. These are associated with Lynch Creek which flows along the northern edge of them. A few perennial non-fish streams, as well as several seasonal non-fish streams are located in and around the harvest area. There are numerous forested wetlands within and around the harvest area as well. All of these features are mapped in accordance with forest practices rules and included in the forest practices application.

[FPA/N 2423964 is available for viewing in FPARS.](#) CKF

2. **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

Timber harvest and road construction will be performed in accordance with forest practices regulations. This includes partial harvest of the outer zone of the fish buffers placed on Lynch Creek and the inundated areas surrounding the type B wetlands. Low impact harvest methods will be used when harvesting in and around the forested wetlands and non-fish seasonal streams.

3. **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**

None.

4. **Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities if known.**

No.

5. **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.**

No.

6. **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water>

⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Surface-water>

No.

b. Ground:

[Find help answering ground water questions⁷](#)

1. **Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give a general description, purpose, and approximate quantities if known.**

No.

2. **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

None.

c. Water Runoff (including stormwater):

1. **Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

Gravel roads are permeable, however ditches are installed on existing roads, and will be installed on the roads to be constructed if on sloped areas. These ditches have cross drains that discharge water to disperse on the forest floor at low points. New roads do not have typed water crossings.

2. **Could waste materials enter ground or surface waters? If so, generally describe.**

No.

3. **Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.**

No.

- d. **Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:**

None.

4. Plants

[Find help answering plants questions](#)

- a. **Check the types of vegetation found on the site:**

deciduous tree: alder, maple, aspen, other

⁷ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-3-Water/Environmental-elements-Groundwater>

- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- orchards, vineyards, or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

All timber will be removed from the net harvest area. All other vegetation could be altered within this net harvest area by the equipment used for the harvest.

◇ FPA/N 2423964 indicates approximately 1,800 MBF of timber to be removed. CKF

c. List threatened and endangered species known to be on or near the site.

◇ None.
Forest Practices Risk Assessment Mapping (FPRAM) tool confirms no conflicts with T&E plant species. CKF

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

No landscaping, but the area will be reforested with douglas fir, a native tree species.

e. List all noxious weeds and invasive species known to be on or near the site.

Scotchbroom sporadically pops up in the vicinity of this harvest unit, but there are annual efforts to spray or pull it which keep it to a minimum.

5. Animals

[Find help answering animal questions](#)⁸

a. List any birds and other animals that have been observed on or near the site or are known to be on or near the site.

Examples include:

- **Birds:** Hawks, wood peckers, ducks, geese, grouse, robins and other small birds.
- **Mammals:** Deer, elk, bear, cougar, bobcat, coyotes, beaver, squirrels, chipmunks.
- **Fish:** Trout.

⁸ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-5-Animals>

- b. List any threatened and endangered species known to be on or near the site.

None.
FPRAM review confirms no conflicts with T&E animal species. CKF

- c. Is the site part of a migration route? If so, explain.

No.
Most of Washington State is considered part of the Pacific flyway, but no impacts are expected as a result of this proposal. CKF

- d. Proposed measures to preserve or enhance wildlife, if any.

Regrowth following post-timber harvest planting provides a robust and enhanced food source for a number of species, and over time will grow into the same state the forest is currently in.

- e. List any invasive animal species known to be on or near the site.

None.

6. Energy and natural resources

[Find help answering energy and natural resource questions](#)⁹

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Equipment used in the timber harvest and road construction is diesel powered, vehicles are either diesel or gasoline powered.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any.

None.

7. Environmental health

[Health Find help with answering environmental health questions](#)¹⁰

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe.

Nothing with any meaningful likelihood. There is always a tiny chance of a vehicle crash or equipment malfunction/break down.

⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-6-Energy-natural-resou>

¹⁰ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-7-Environmental-health>

1. Describe any known or possible contamination at the site from present or past uses.

None.

2. Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None.

3. Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

Contractor vehicles have diesel tanks in them which are used to refuel machinery.

4. Describe special emergency services that might be required.

In the unlikely event of a spill, cleanup services could be required, or if a serious injury were to occur emergency medical services could be required.

5. Proposed measures to reduce or control environmental health hazards, if any.

BMP's are utilized by contractors performing the work on all timber harvest and road construction operations, which reduce hazards.

If contamination is suspected, the proponent must contact the Department of Ecology. CKF

b. Noise

1. What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None.

2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site)?

Short-term equipment noise would be produced during road construction and timber harvest. Operations typically occur between 3:00 AM and 4:00 PM.

3. Proposed measures to reduce or control noise impacts, if any:

None.

8. Land and shoreline use

[Find help answering land and shoreline use questions](#)¹¹

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The surrounding area is industrial timberlands for the purpose of timber production. This proposal is for these uses, so no change.

¹¹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-8-Land-shoreline-use>

- b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses because of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?**

The entire proposal area is on long term working forest lands. There will not be any conversion.

- 1. Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?**

No.

- c. Describe any structures on the site.**

None.

- d. Will any structures be demolished? If so, what?**

No.

- e. What is the current zoning classification of the site?**

Designated Forest Land.

- f. What is the current comprehensive plan designation of the site?**

Unknown.

- g. If applicable, what is the current shoreline master program designation of the site?**

Natural, Natural, Conservancy

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

Unknown.

- i. Approximately how many people would reside or work in the completed project?**

None.

- j. Approximately how many people would the completed project displace?**

None.

- k. Proposed measures to avoid or reduce displacement impacts, if any.**

None.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.**

The project is in alignment with existing land uses.

- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:**

None.

9. Housing

[Find help answering housing questions](#)¹²

- a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

Not applicable.

- b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

Not applicable.

- c. **Proposed measures to reduce or control housing impacts, if any:**

Not applicable.

10. Aesthetics

[Find help answering aesthetics questions](#)¹³

- a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

Not applicable.

- b. **What views in the immediate vicinity would be altered or obstructed?**

None.

- c. **Proposed measures to reduce or control aesthetic impacts, if any:**

Not applicable.

11. Light and glare

[Find help answering light and glare questions](#)¹⁴

- a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**

Vehicle and equipment lights before daylight, beginning around 3:00 AM.

- b. **Could light or glare from the finished project be a safety hazard or interfere with views?**

No, not visible outside of the immediate vicinity.

- c. **What existing off-site sources of light or glare may affect your proposal?**

None.

¹² <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-9-Housing>

¹³ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-10-Aesthetics>

¹⁴ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-11-Light-glare>

- d. **Proposed measures to reduce or control light and glare impacts, if any:**

None.

12. Recreation

[Find help answering recreation questions](#)

- a. **What designated and informal recreational opportunities are in the immediate vicinity?**

Recreation is allowed on the greater tree farm by permit only.

- b. **Would the proposed project displace any existing recreational uses? If so, describe.**

No.

- c. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

None.

13. Historic and cultural preservation

[Find help answering historic and cultural preservation questions](#)¹⁵

- a. **Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe.**

No.

FPRAM review confirms no conflicts with historical sites or resources. CKF

- b. **Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.**

The area is extensively walked during reconnaissance and layout with an eye kept out for anything resembling cultural resources. None were noted.

FPRAM review confirms no conflicts with archaeological or cultural sites or resources. CKF

- c. **Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.**

It is our understanding that the DNR screens for known archaeological sites that are not publicly available. Tribes from the area review forest practices permits at which point if there are any known resources it is brought to light.

- d. **Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.**

Not applicable in this proposal – no known resources.

¹⁵ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-13-Historic-cultural-p>

14. Transportation

[Find help with answering transportation questions](#)¹⁶

- a. **Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.**

Not applicable.

- b. **Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

No, unknown.

- c. **Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).**

No.

- d. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

No.

- e. **How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?**

None.

- f. **Will the proposal interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.**

No.

- g. **Proposed measures to reduce or control transportation impacts, if any:**

None.

15. Public services

[Find help answering public service questions](#)¹⁷

- a. **Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.**

No.

- b. **Proposed measures to reduce or control direct impacts on public services, if any.**

¹⁶ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-B-Environmental-elements/Environmental-elements-14-Transportation>

¹⁷ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-15-public-services>

None.

16. Utilities

[Find help answering utilities questions¹⁸](#)

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other:

None.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None.

C. Signature

[Find help about who should sign¹⁹](#)

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

X Alan Kyle FOR MID-VALLEY RESOURCES, INC.

Type name of signee: ALAN KYLE

Position and agency/organization: FORESTER - MID-VALLEY RESOURCES, INC.

Date submitted: 6/5/24

D. Supplemental sheet for nonproject actions

[Find help for the nonproject actions worksheet²⁰](#)

Do not use this section for project actions.

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

¹⁸ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-b-environmental-elements/environmental-elements-16-utilities>

¹⁹ <https://ecology.wa.gov/Regulations-Permits/SEPA/Environmental-review/SEPA-guidance/SEPA-checklist-guidance/SEPA-Checklist-Section-C-Signature>

²⁰ <https://ecology.wa.gov/regulations-permits/sepa/environmental-review/sepa-guidance/sepa-checklist-guidance/sepa-checklist-section-d-non-project-actions>

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Temporary increase in localized noise.

- **Proposed measures to avoid or reduce such increases are:**

None.

How would the proposal be likely to affect plants, animals, fish, or marine life?

No impact to fish or marine life anticipated. Removal of timber will change animal use of those acres, likely shifting them from a bedding/cover area to an open feeding area. Plant communities will shift from shade preferring species to sun preferring to some degree until reforestation grows up. Long term tree farms are ever changing mosaics of habitat types, with acres continually shifting between types due to growth and harvest.

- **Proposed measures to protect or conserve plants, animals, fish, or marine life are:**

None.

2. How would the proposal be likely to deplete energy or natural resources?

It would not. Timber harvest is sustainable.

- **Proposed measures to protect or conserve energy and natural resources are:**

None.

3. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection, such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

It would not. Such areas are protected in this proposal in accordance with forest practices rules.

- **Proposed measures to protect such resources or to avoid or reduce impacts are:**

None other than following forest practices rules.

4. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposal is consistent with land and shoreline use. No effects.

- **Proposed measures to avoid or reduce shoreline and land use impacts are:**

None.

5. How would the proposal be likely to increase demands on transportation or public services and utilities?

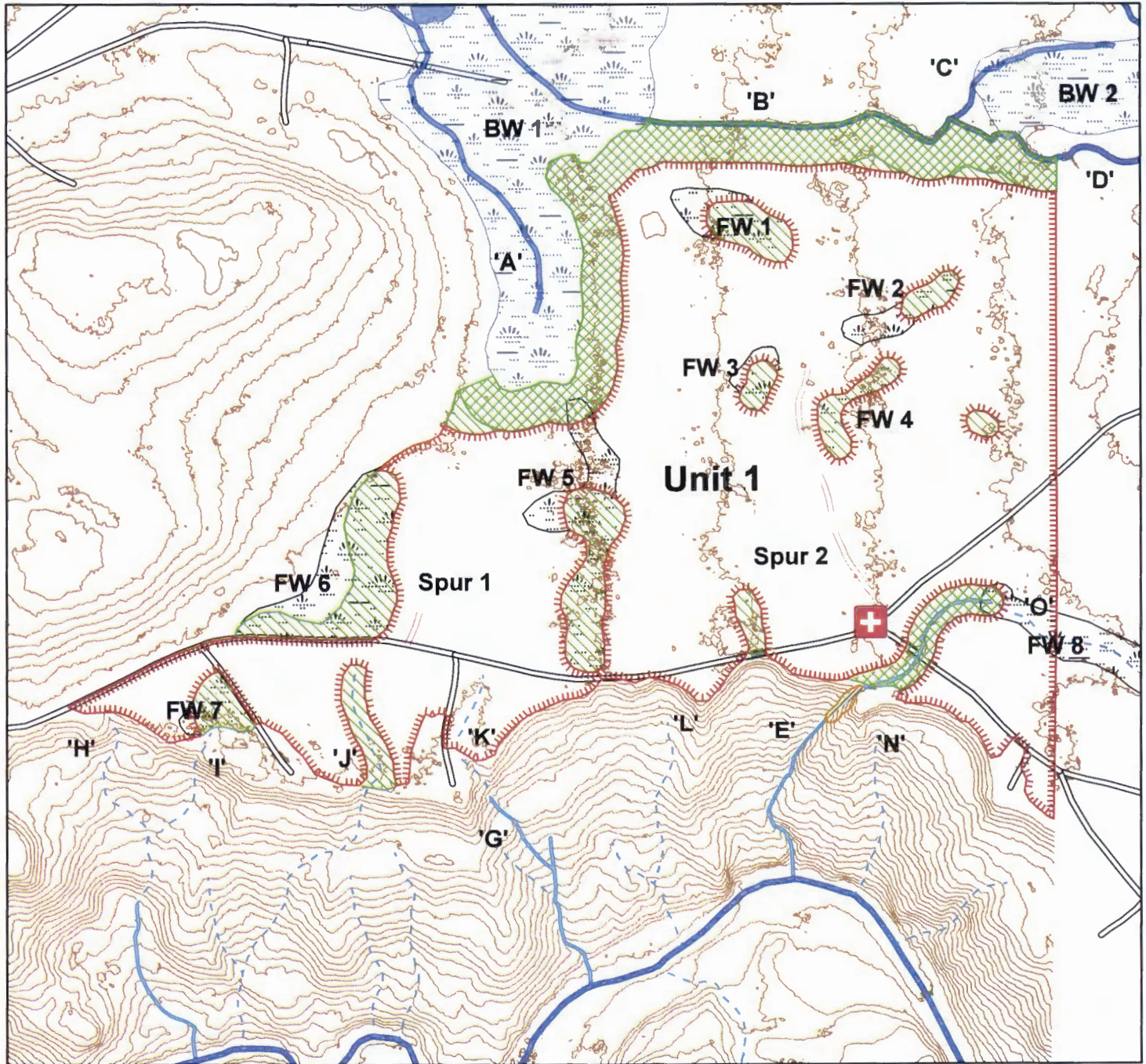
It would not.

- **Proposed measures to reduce or respond to such demand(s) are:**

None.

6. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

Proposal is in accordance with all local, state, and federal environmental laws.



T16N R05E
Section 18

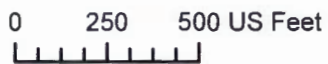
Legend

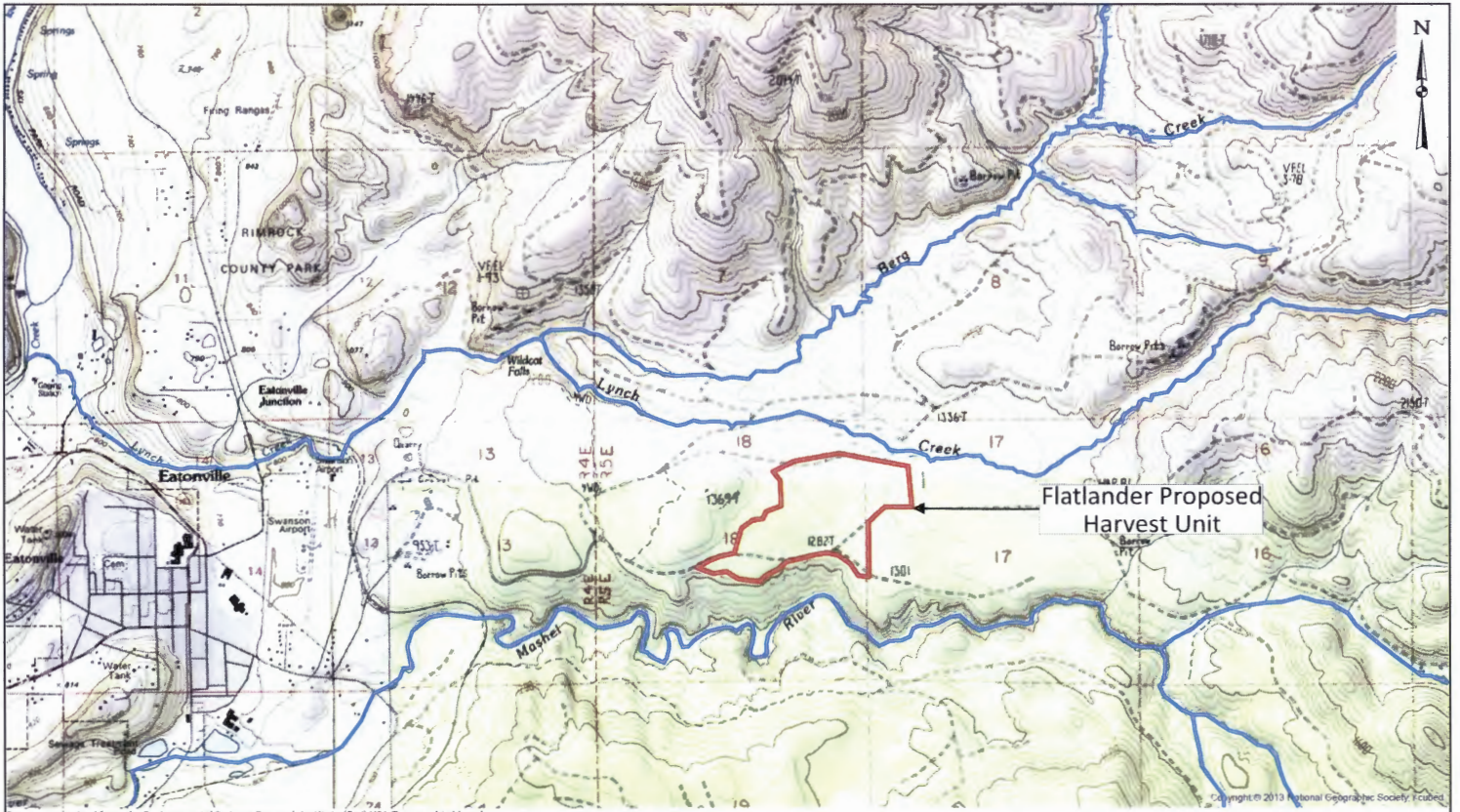


- HarvestArea
- NewConstruction
- RMZ
- WRTSGRTs

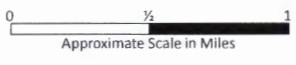
- Pot. Unst. Slopes
- Type A Wetland
- Type B Wetland
- ForestedWetland

- S - Shoreline
- F - Fish
- Np - Nonfish Perennial
- Ns - Nonfish Seasonal





Base map obtained from the Environmental Systems Research Institute (Esri) USA Topographic Maps layer.



VICINITY MAP

FLATLANDER PROPOSED HARVEST UNIT

ICICLECREEK ENGINEERS
 29335 NE 20th Street
 Carnation, Washington 98014
 (425) 333-0093

SCALE: As Shown	ICE FILE NO.
DESIGNED: _____	1281-007
DRAWN: BBA	Figure
CHECKED: RSX	1
DATE: 09/23/24	